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Atty. Docket No. 2001-1043-1

PATENTS

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Sacha Adrianus Fokke Taco VAN HIJUM et al. Confirmation No. 2951

Serial No. 09/4995,587

GROUP 1652

Filed November 29, 2001

Examiner: R. Prouty

NOVEL FRUCTOSYL TRANSFERASES

AMENDMENT

Commissioner for Patents

Washington, D.C. 20231

Sir:

Responsive to the Official Action of November 19, 2002,
please amend the above-identified application as follows:

IN THE CLAIMS:

Amend claim 15 as follows:

15. (amended) A process of producing a fructo-oligosaccharide or fructo-polysaccharide, having $\beta(2-1)$ linked D-fructosyl units or having $\beta(2-6)$ linked D-fructosyl units comprising forming a mixture by combining sucrose with at least one reaction partner selected from the group consisting of:

a) a protein having fructosyltransferase activity, which exhibits at least 75% amino acid identity, as determined by a BLAST algorithm, with an amino acid sequence of SEQ ID No. 1 or 11,

b) a recombinant host cell containing one or more copies of a nucleic acid construct gene encoding for said protein